

Patent Abstracts of Japan

PUBLICATION NUMBER : 06188629
PUBLICATION DATE : 08-07-94

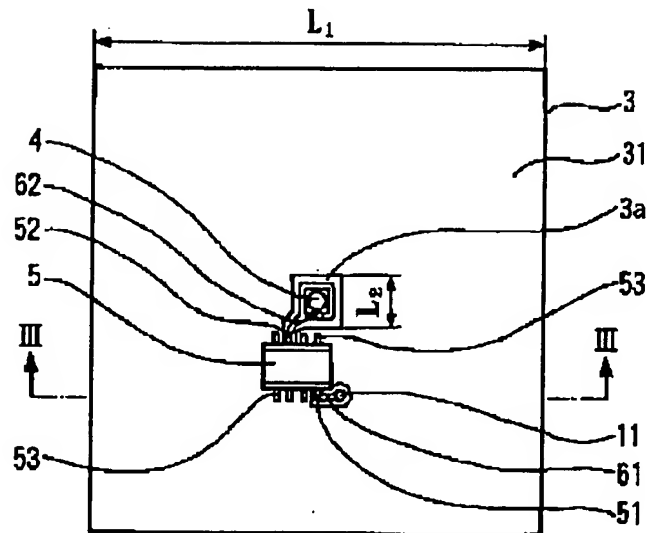
APPLICATION DATE : 22-12-92
APPLICATION NUMBER : 04356689

APPLICANT : NIPPONDENSO CO LTD;

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INT.CL. : H01Q 23/00

TITLE : MICROSTRIP ANTENNA



ABSTRACT : PURPOSE: To make a microstrip antenna compact, to simplify the manufacture and to reduce the cost.

CONSTITUTION: A center region of a ground plate 3 on the rear side of a dielectric plate is used for a region 3a on which no conductor film 31 is formed and a coaxial connector 4 of surface mount type is provided to the region 3a. A package 5 is provided to the conductor film 31 through soldering, an amplifier circuit is contained in the package, an output lead 52 is connected to the coaxial connector 4 and an input lead 51 is connected to a conductor film of a pattern plate on the front side via a throughhole penetrated through the dielectric plate. A separate printed circuit board to provide the coaxial connector 4 and the package 5 is not required, the assembly man-hour is saved and the thickness of the entire antenna is made thin.

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